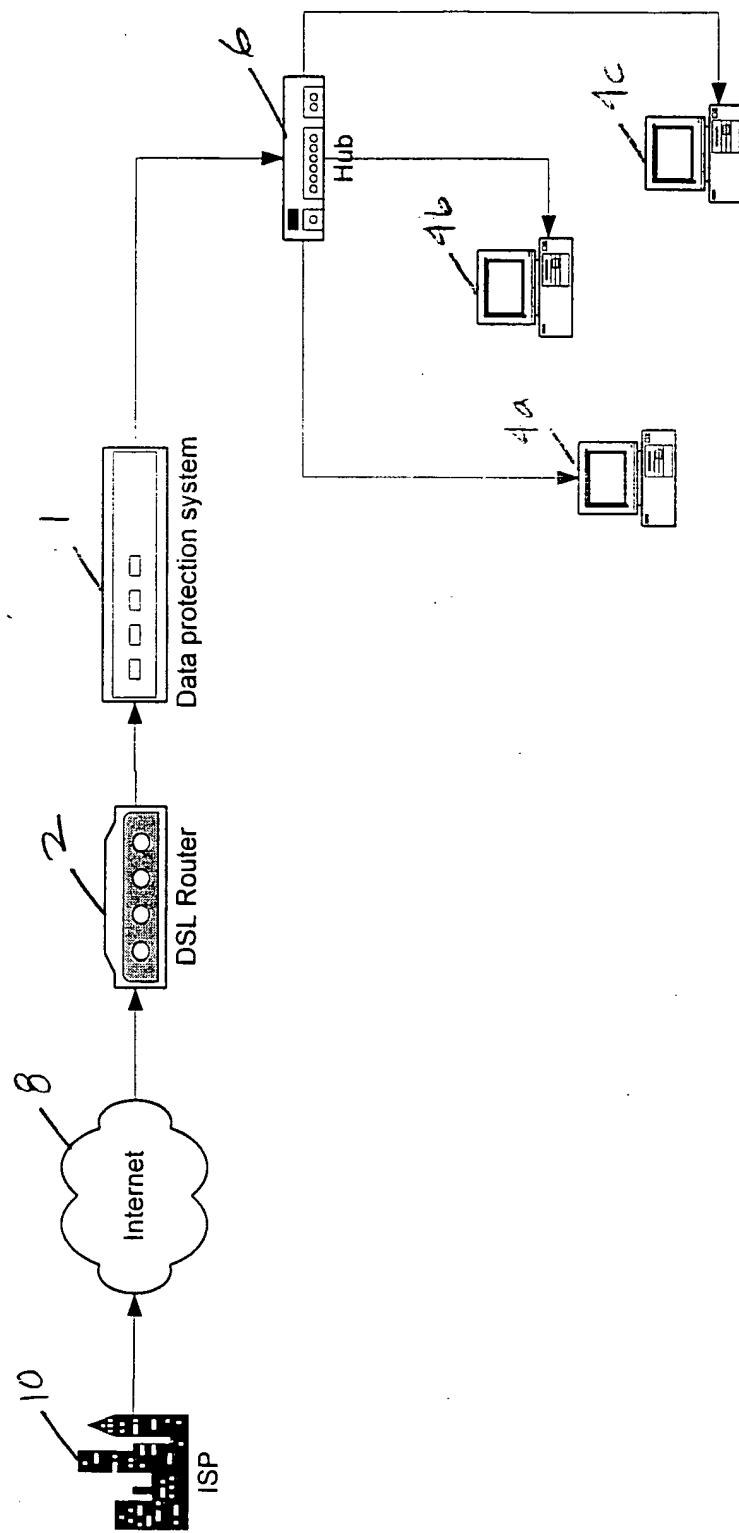


FIG. 1A



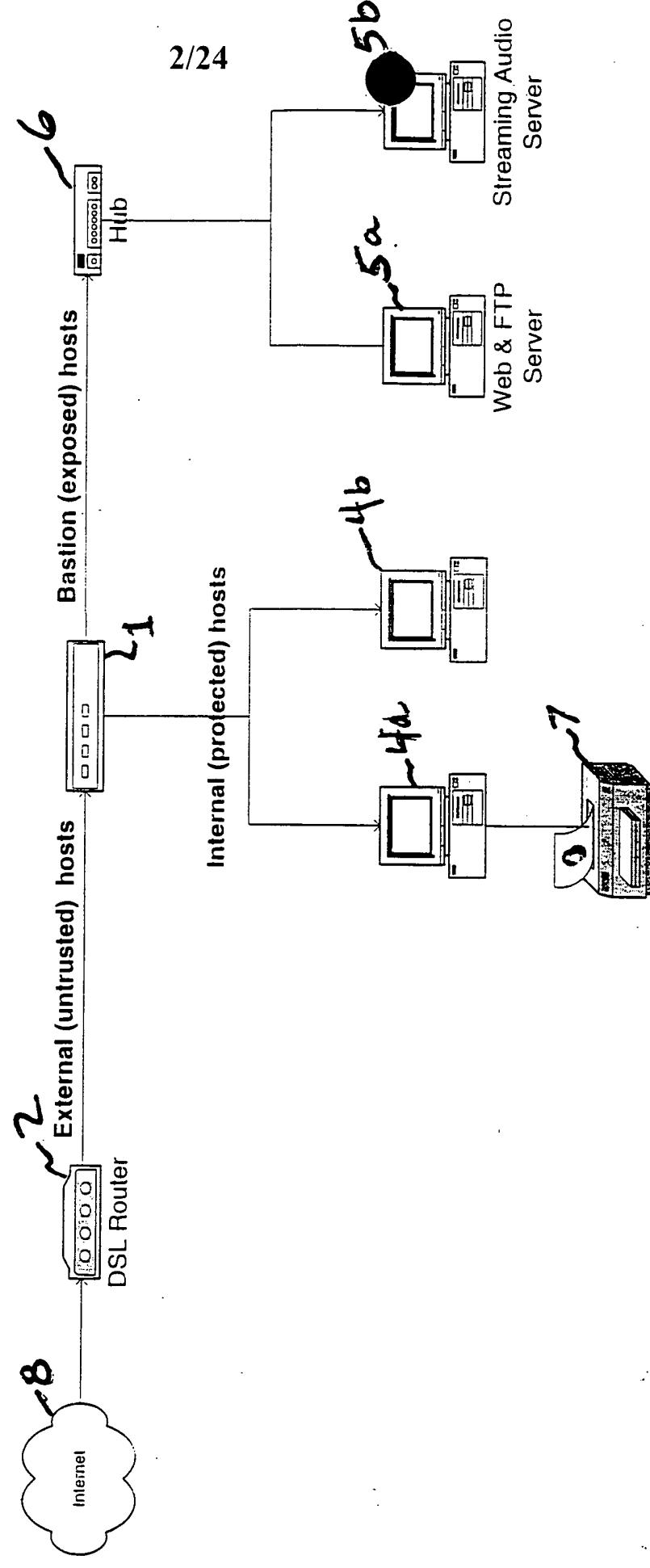


Fig. 1B

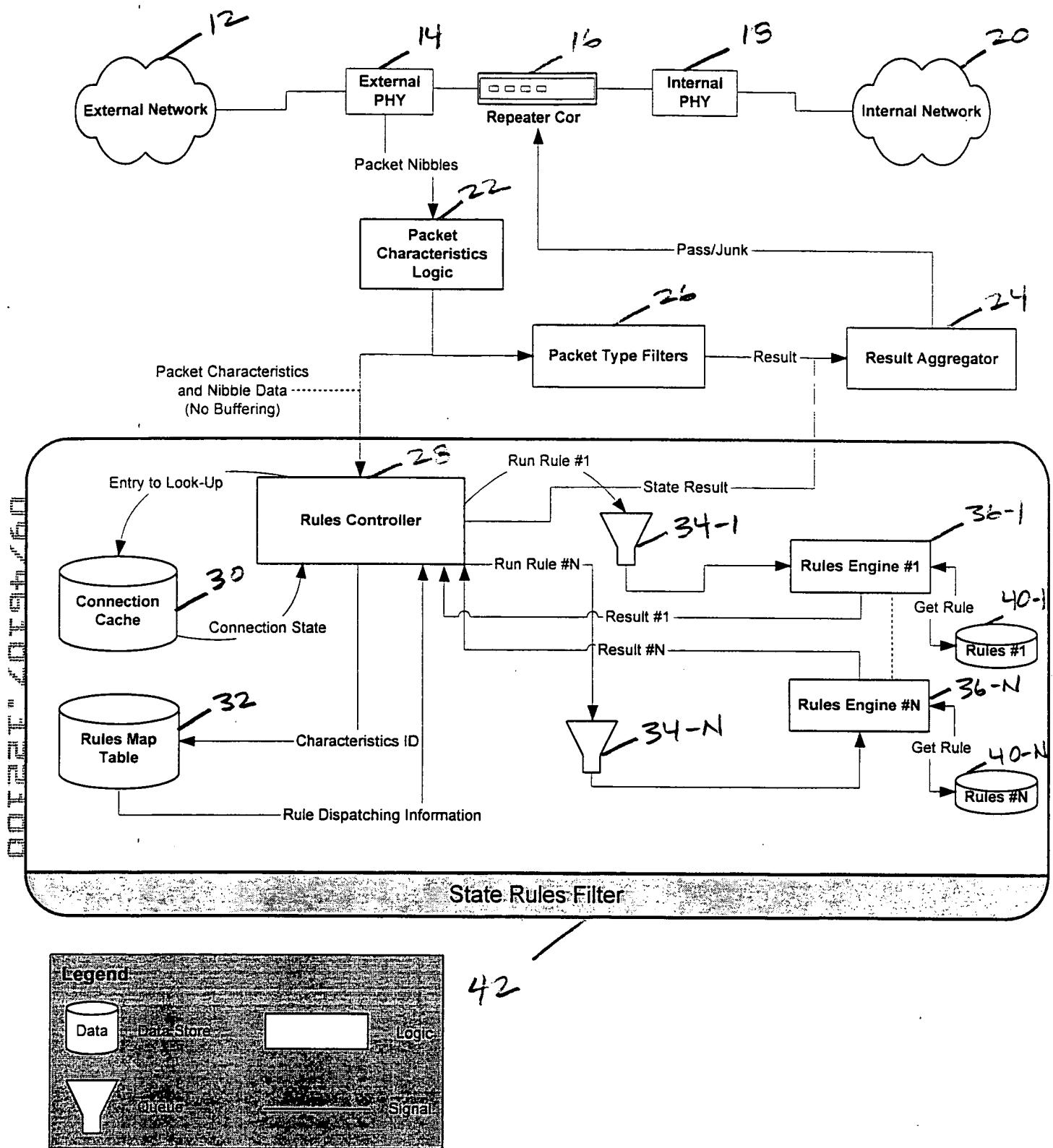


FIG. 2

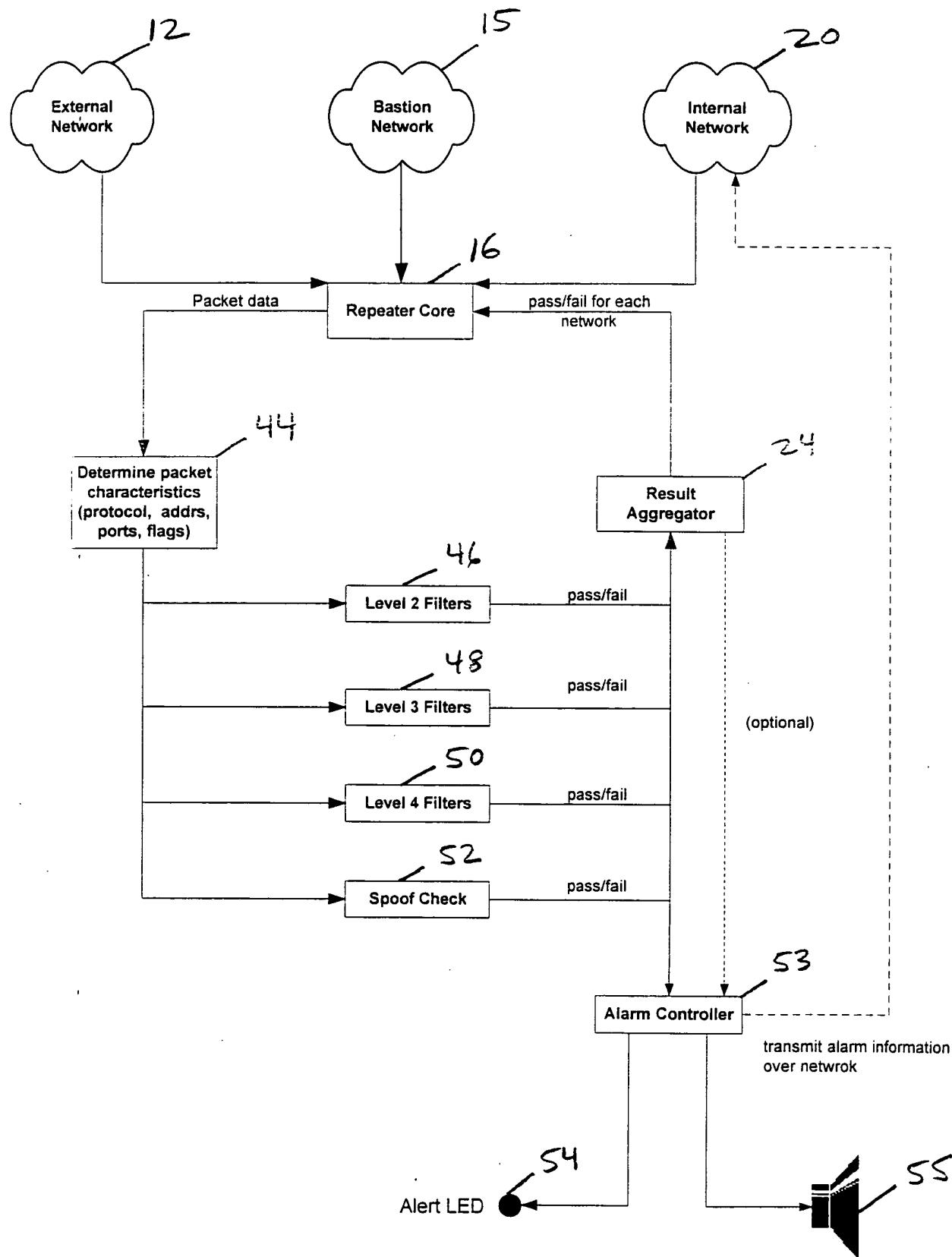


FIG. 3

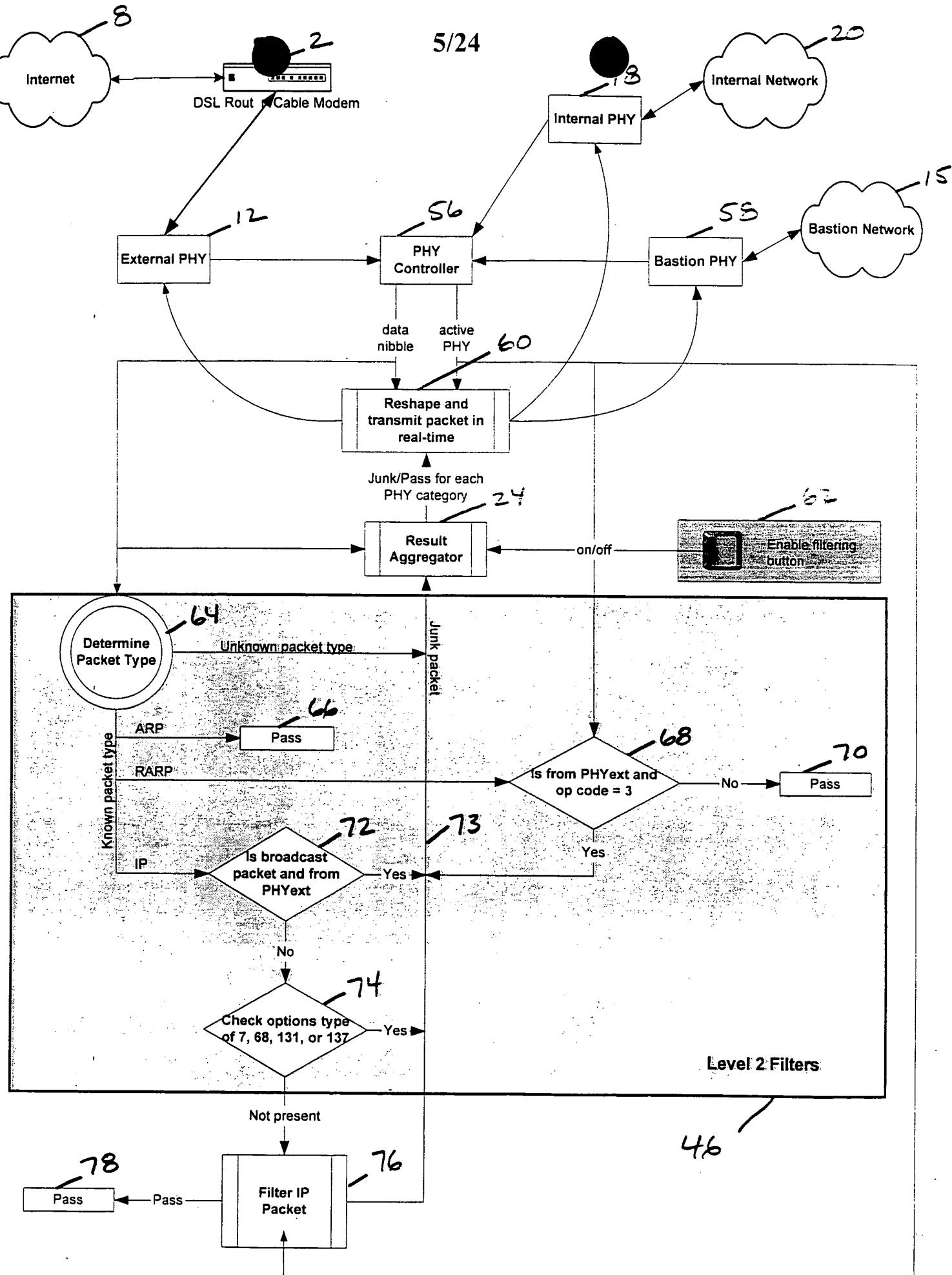


FIG. 4

Level 3 Filters

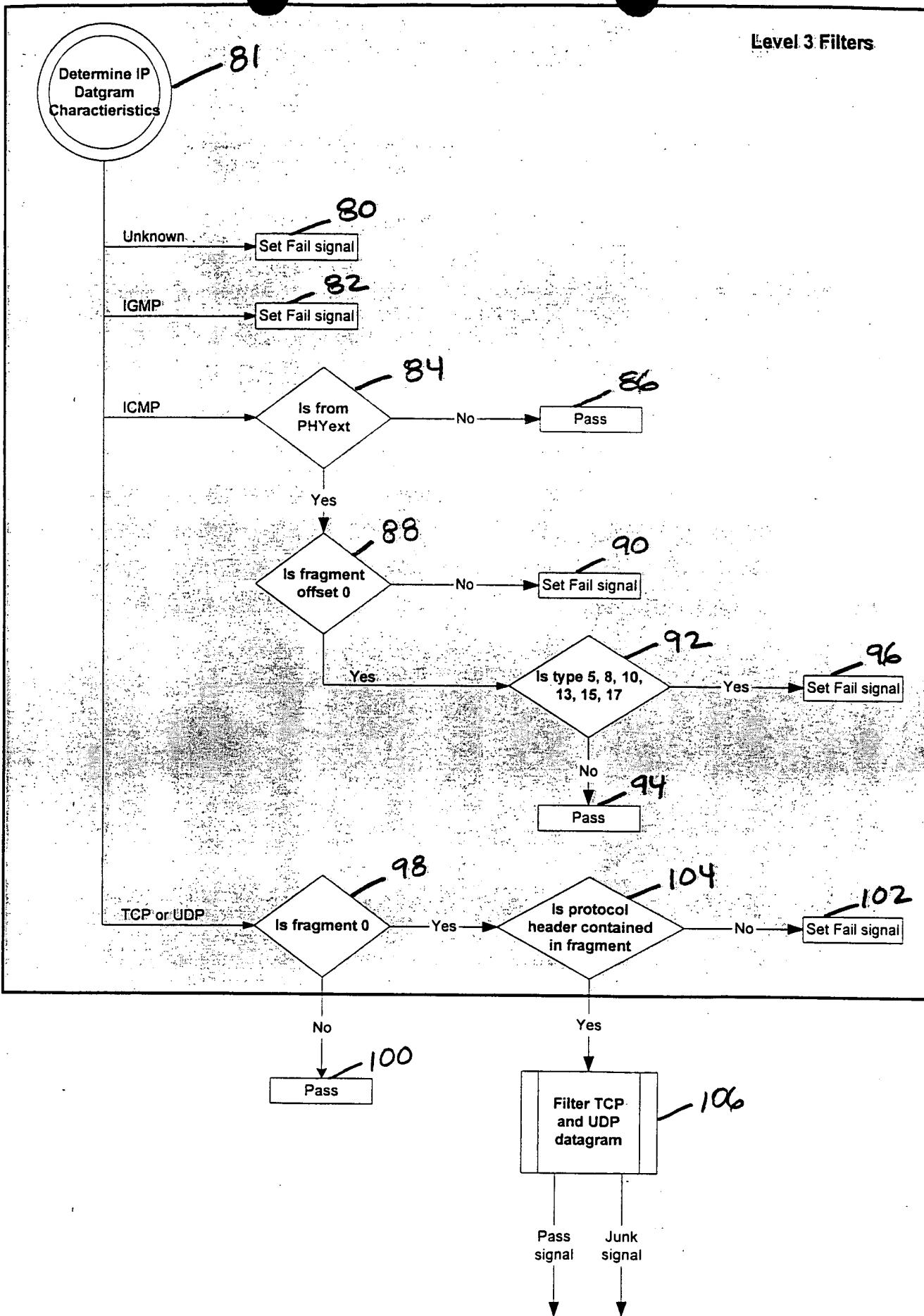


FIG. 5

TCP and UDP packets are evaluated for pass or fail in parallel (other protocols also handled simultaneously)

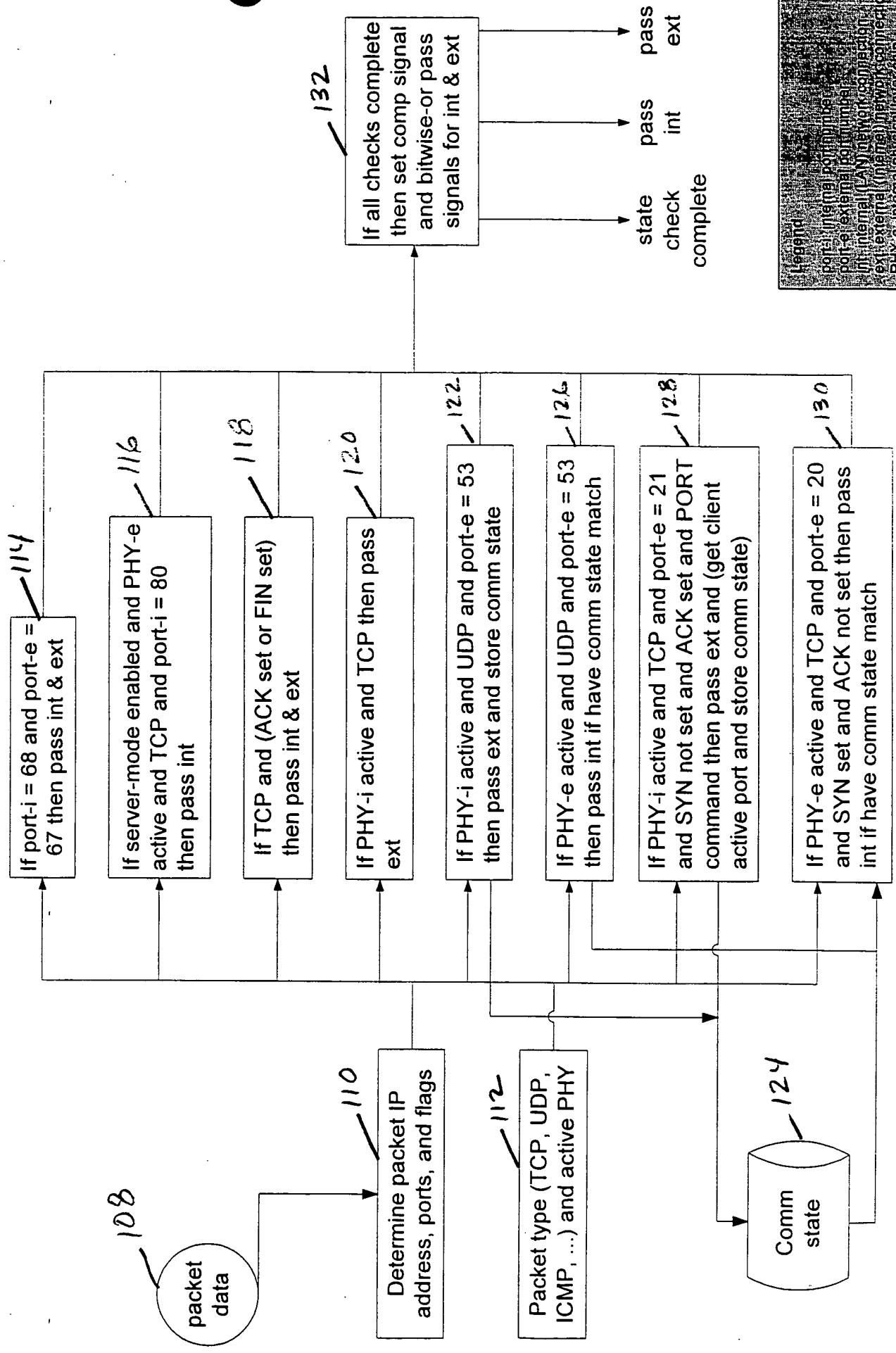


FIG. 6

133

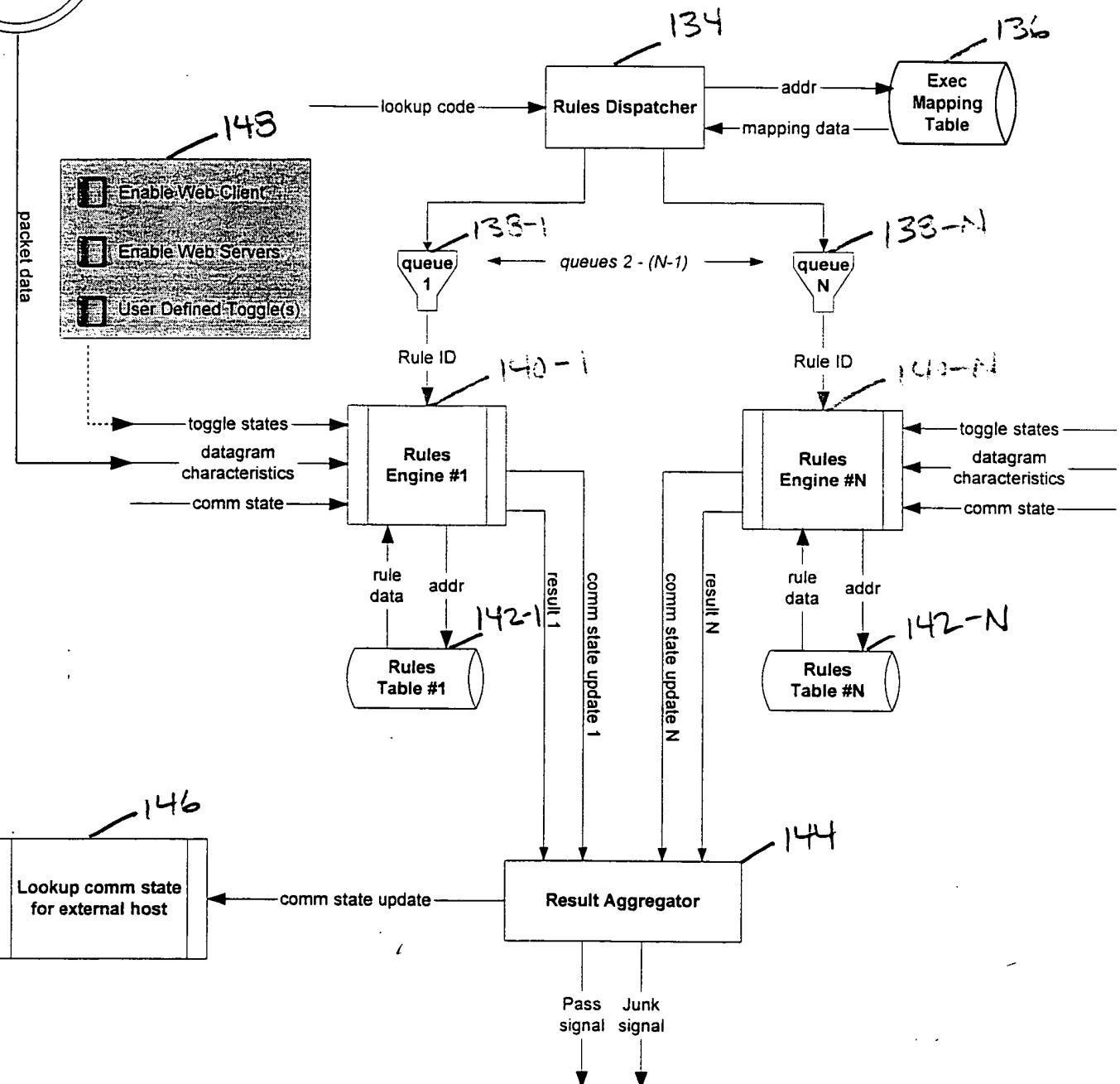
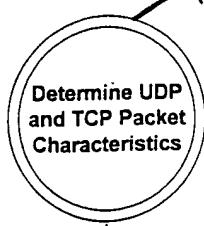


FIG. 7

0001011010111000

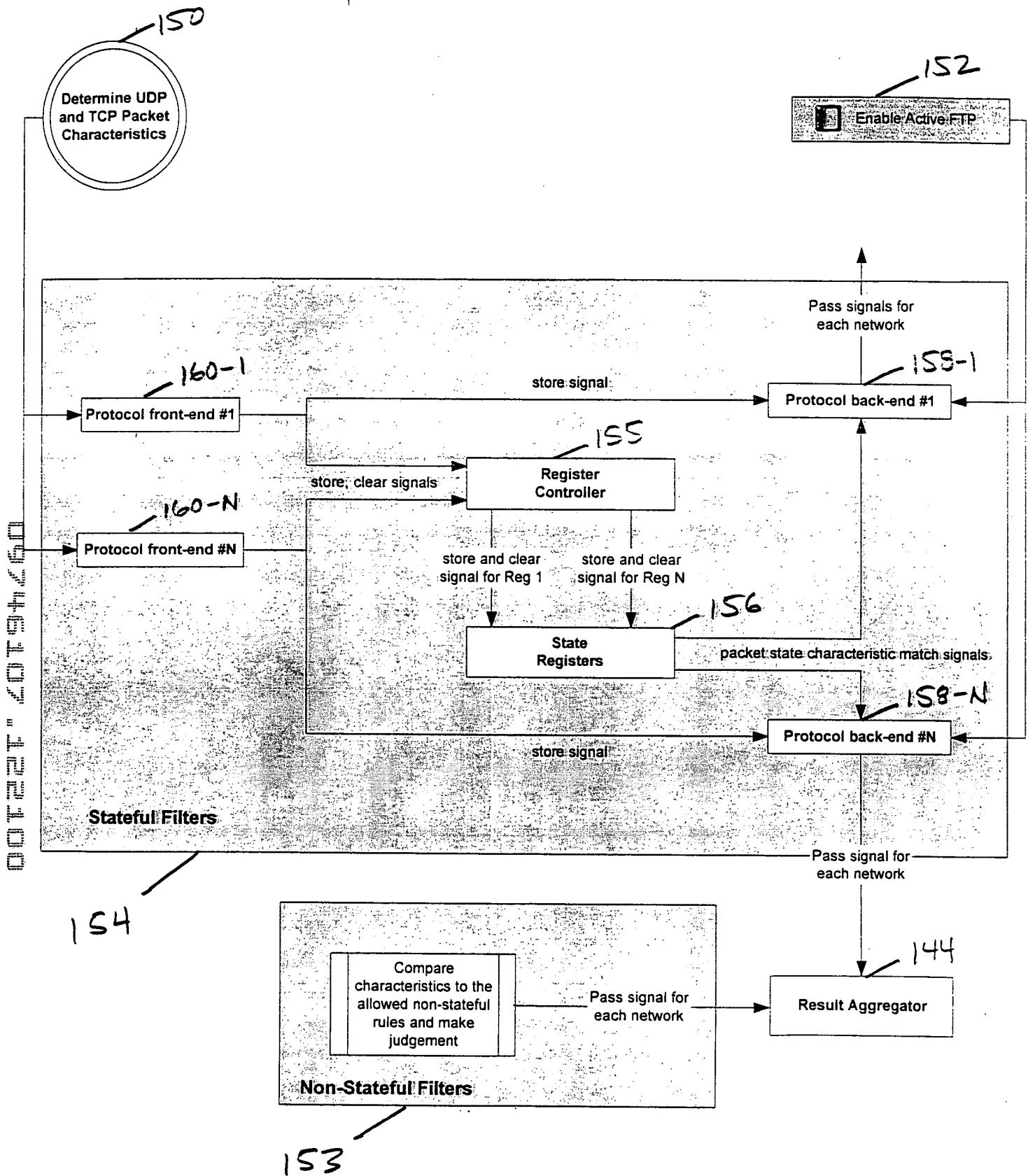


FIG. 8

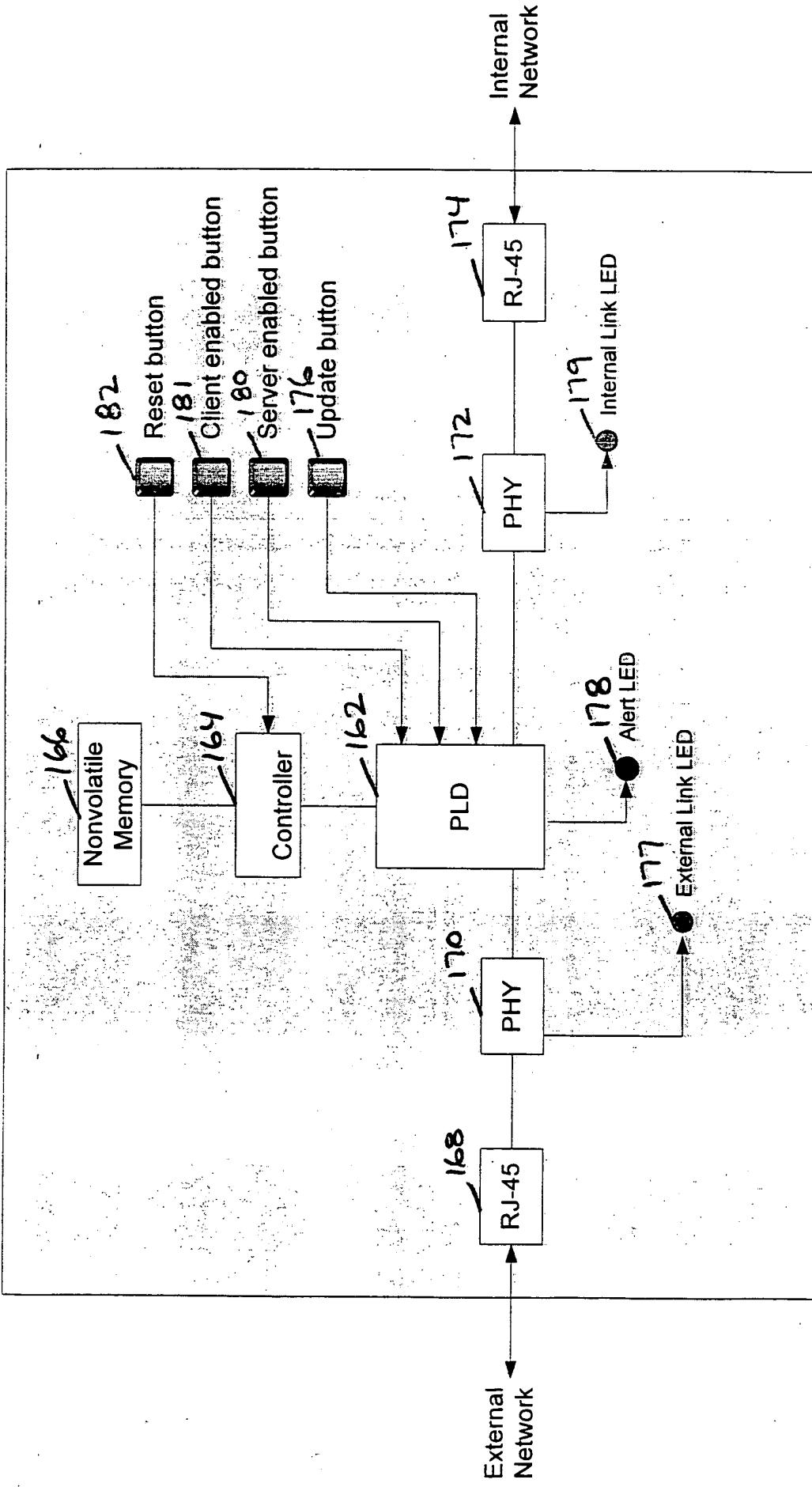


FIG. 9

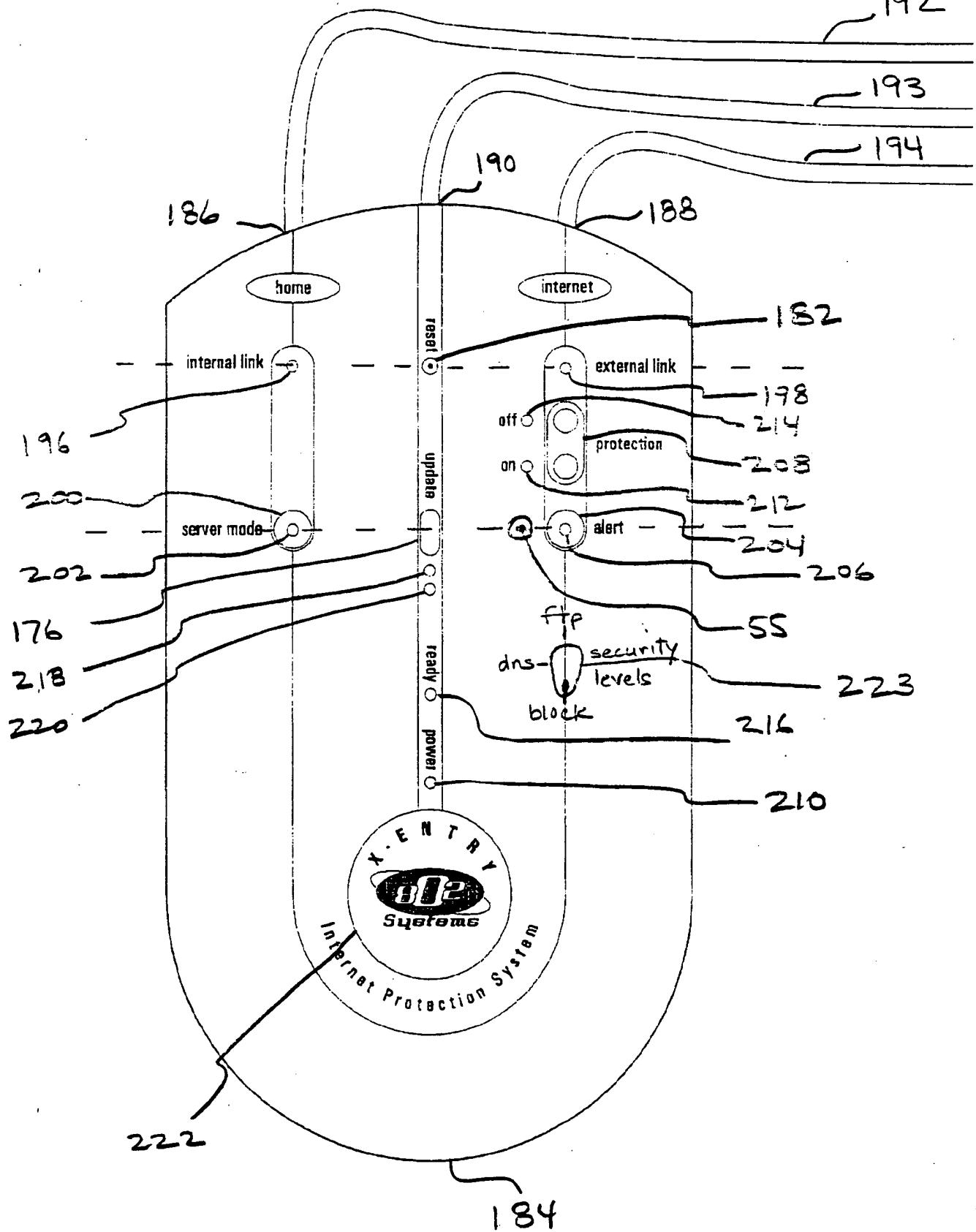


FIG.10

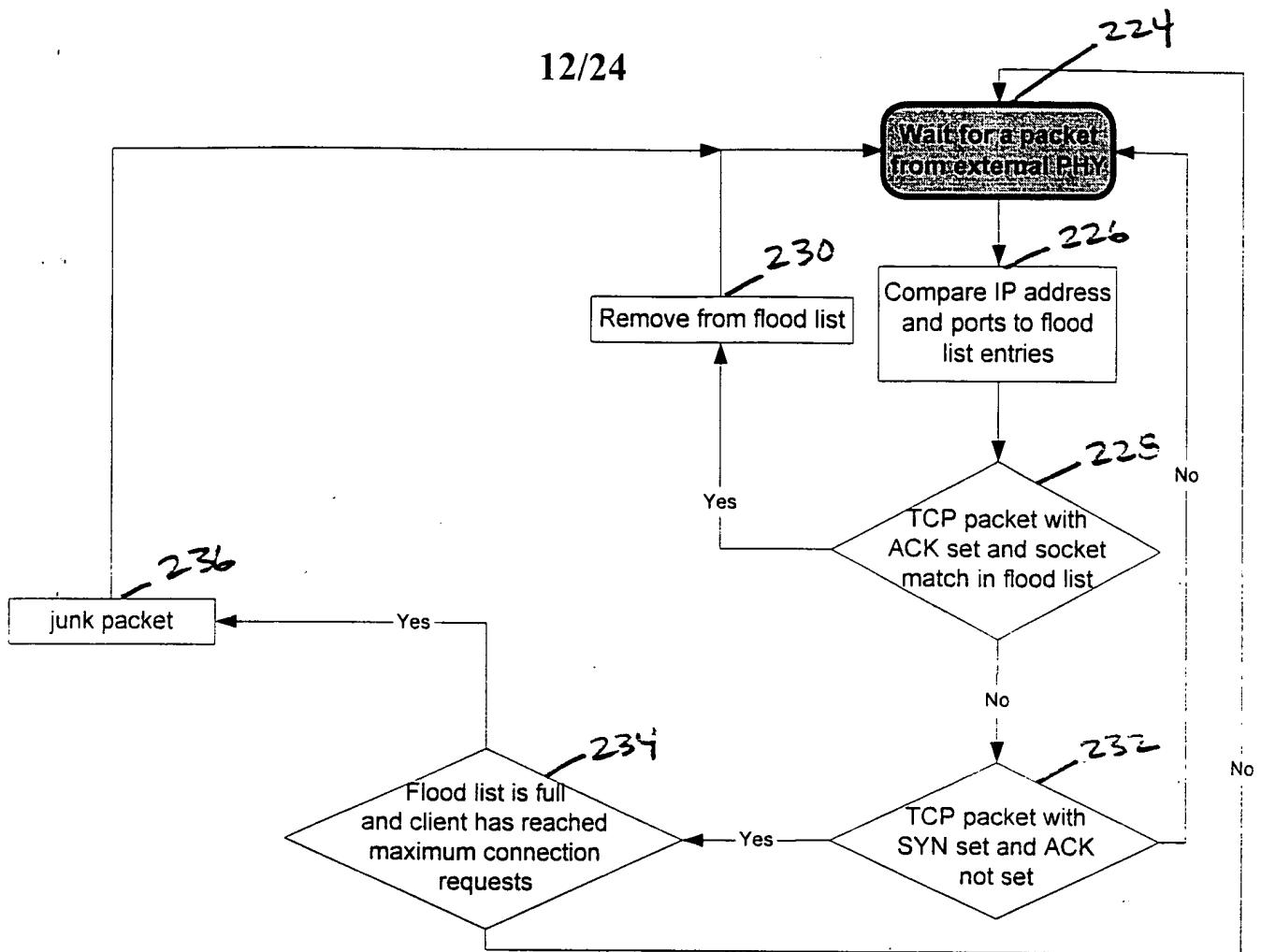


FIG. 11

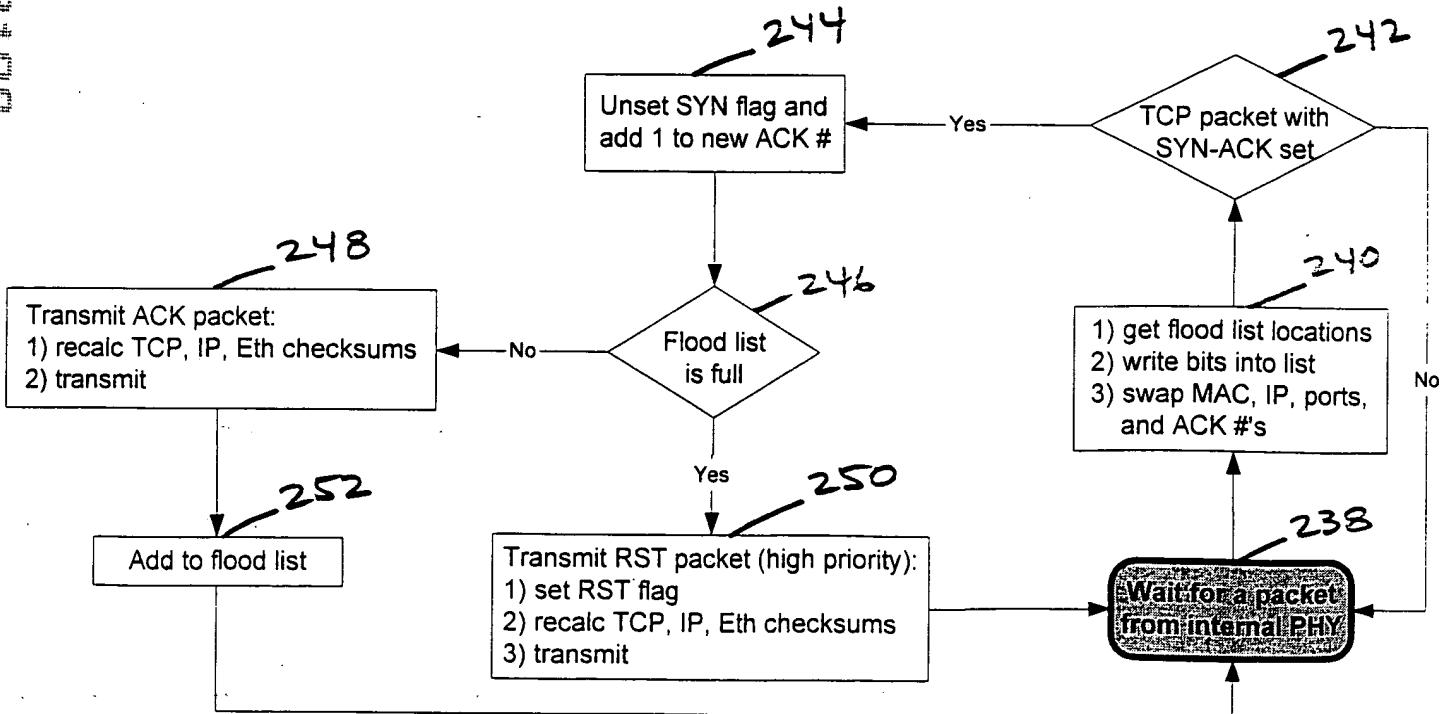


FIG. 12

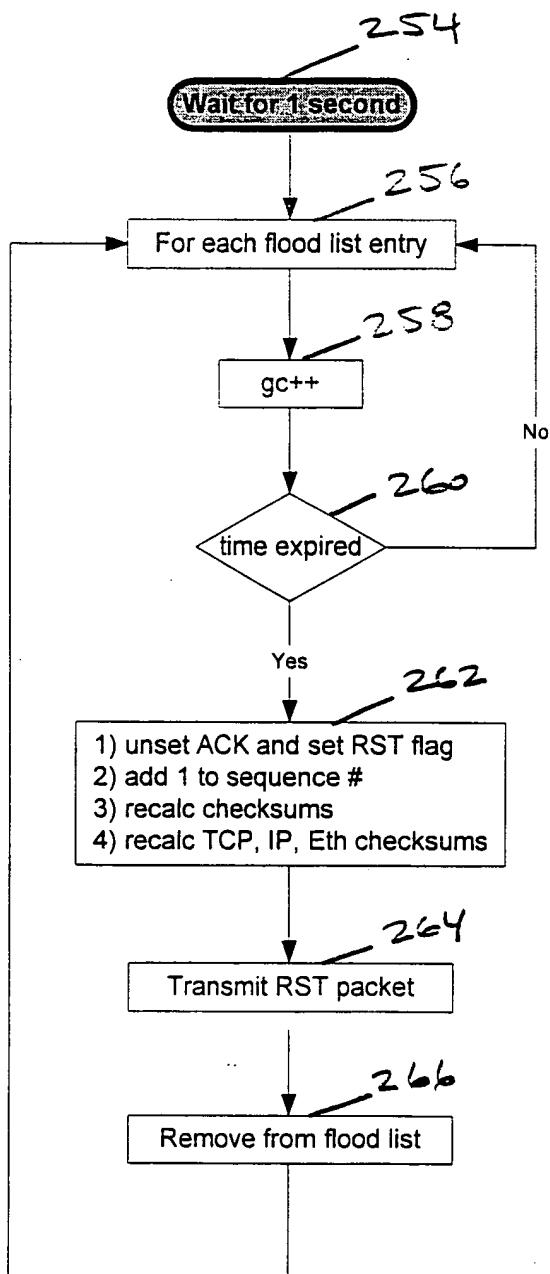


FIG. 13

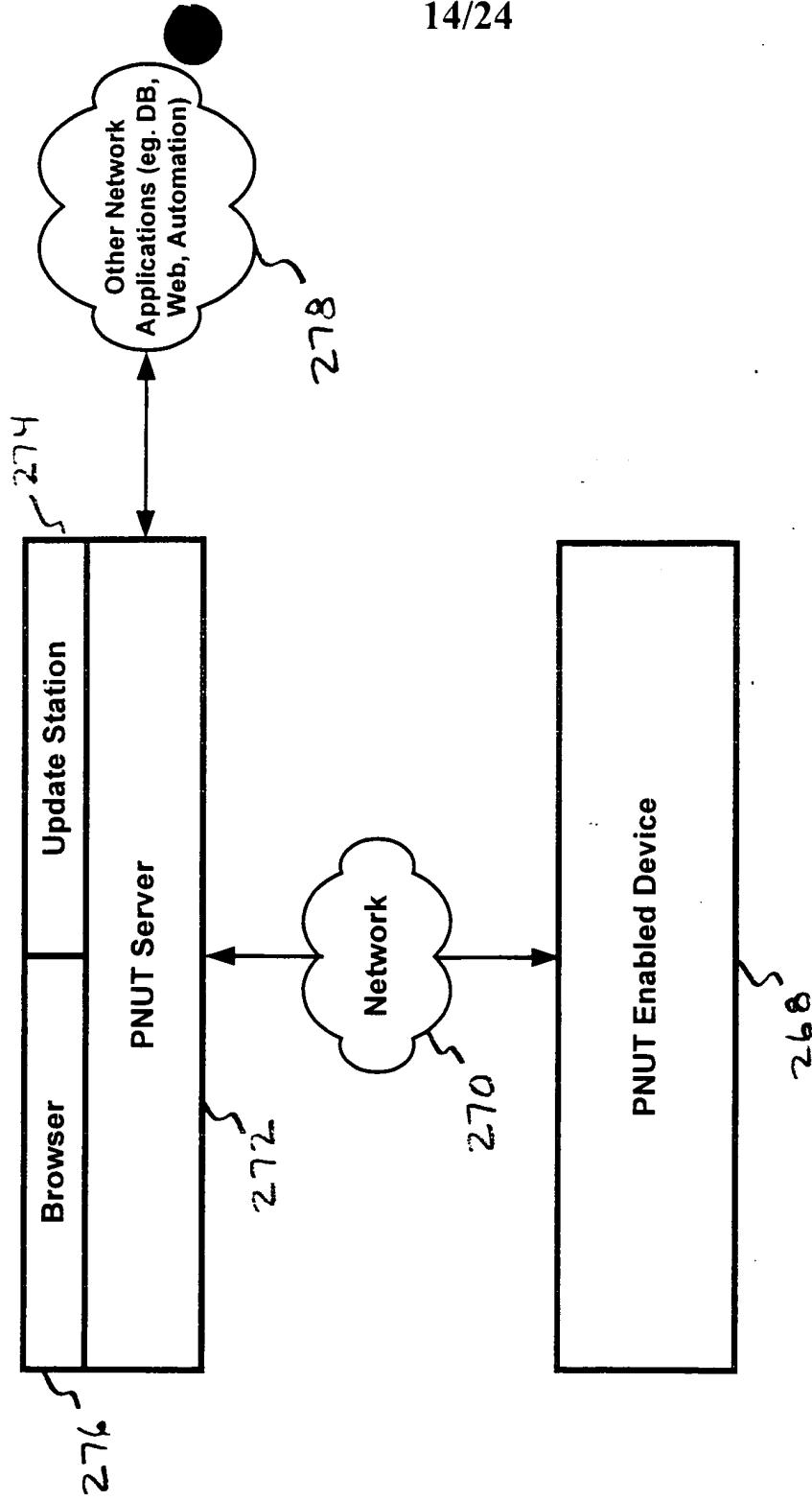


FIG. 14

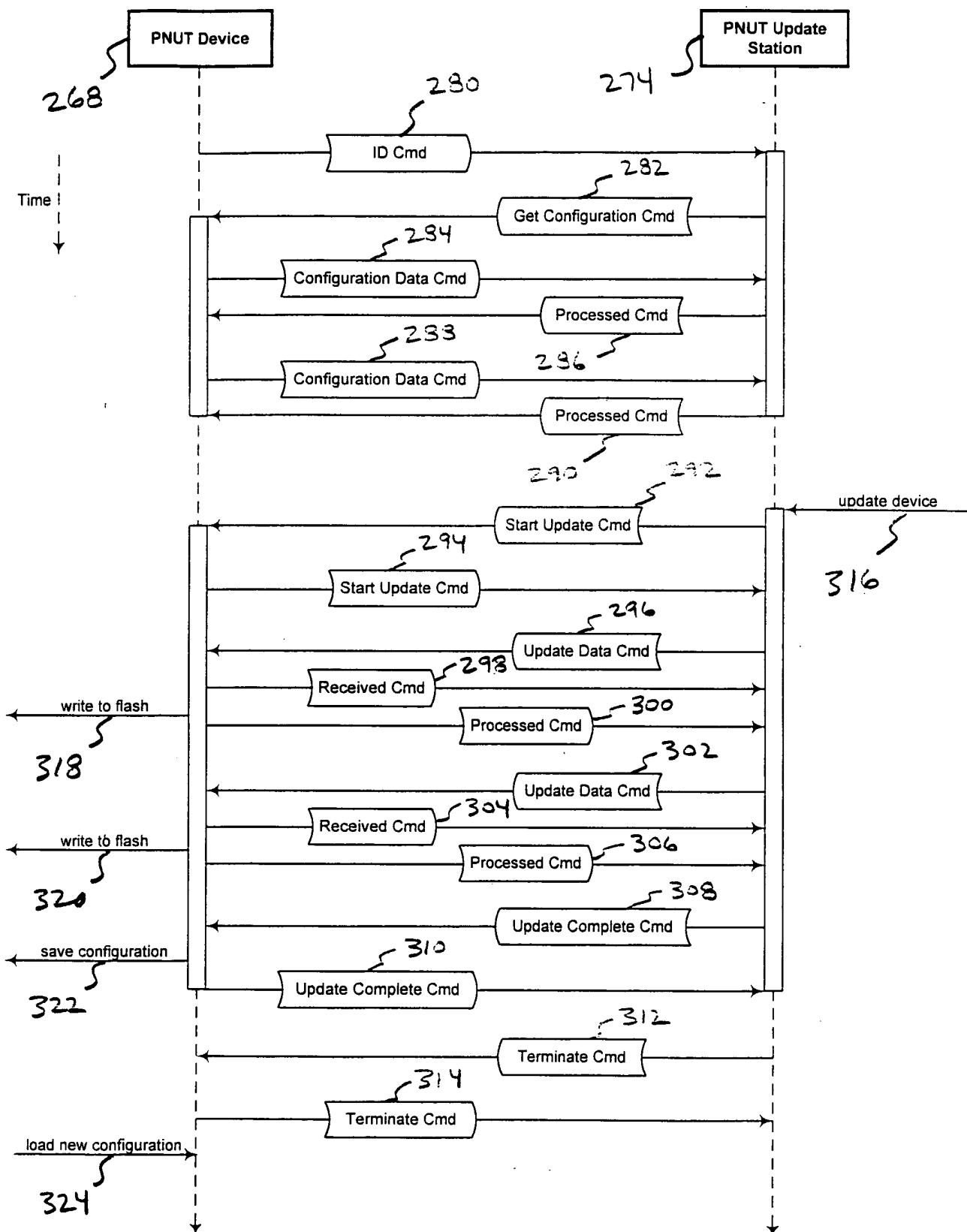


FIG. 15

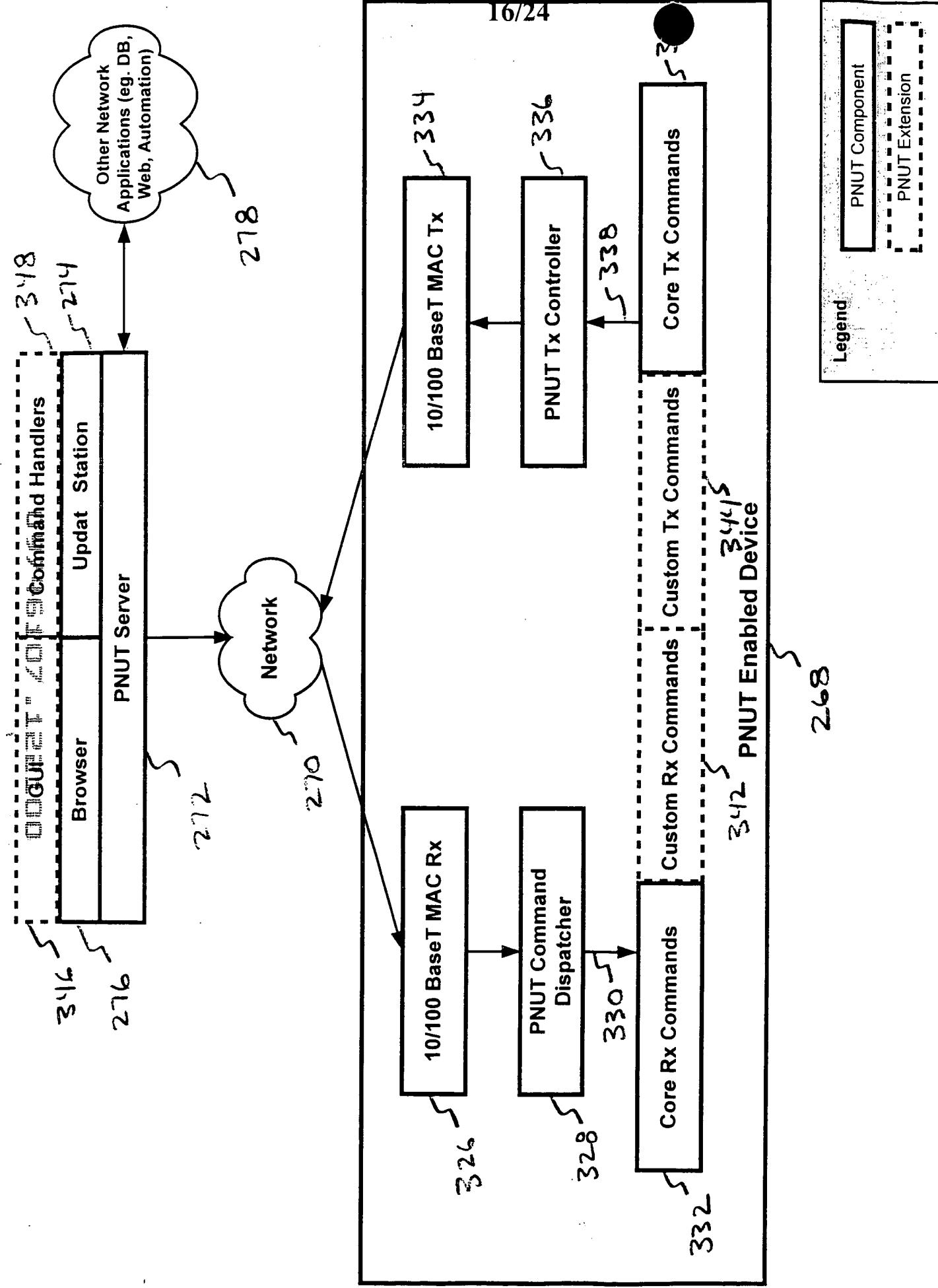
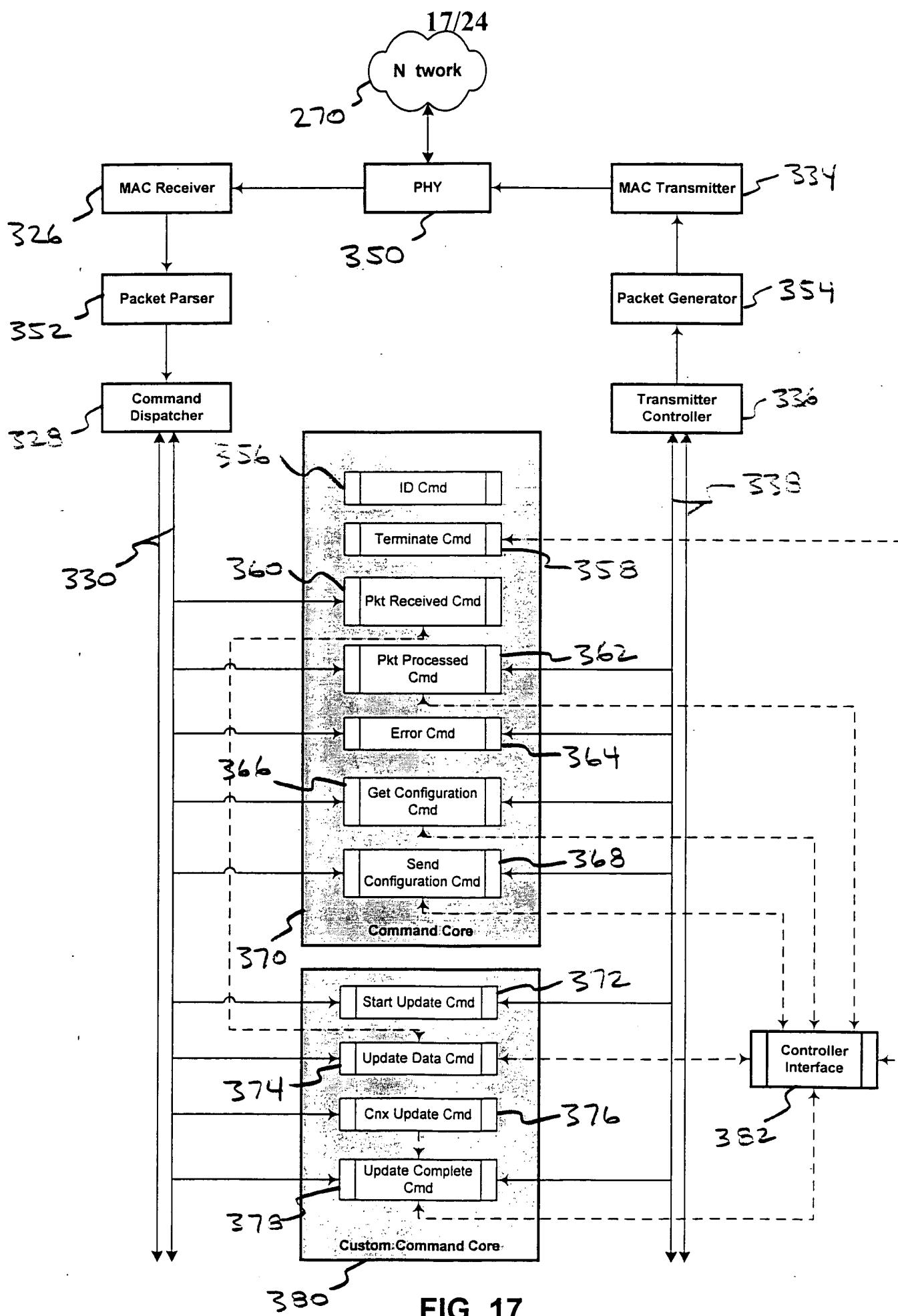


FIG. 16



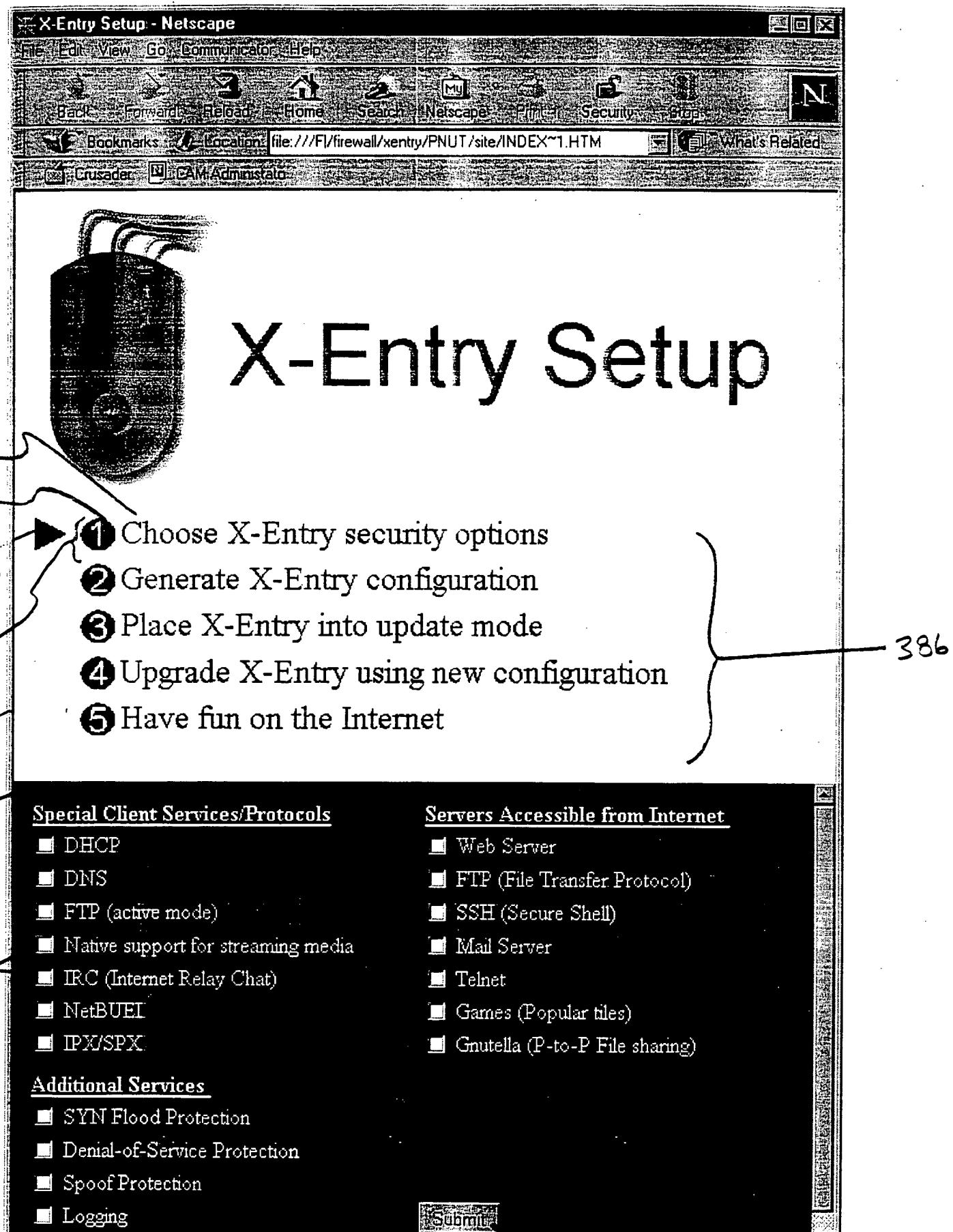
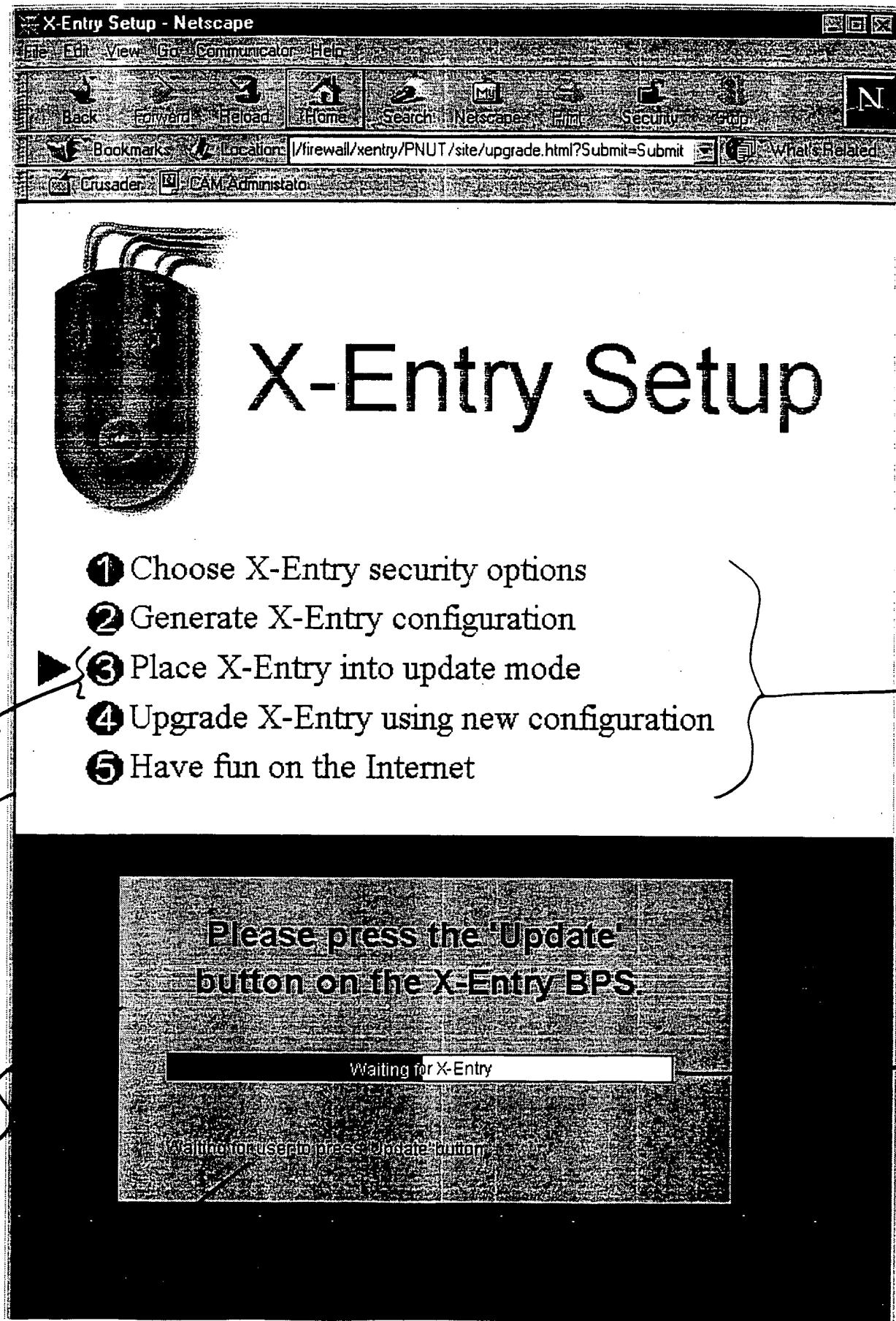


FIG. 18



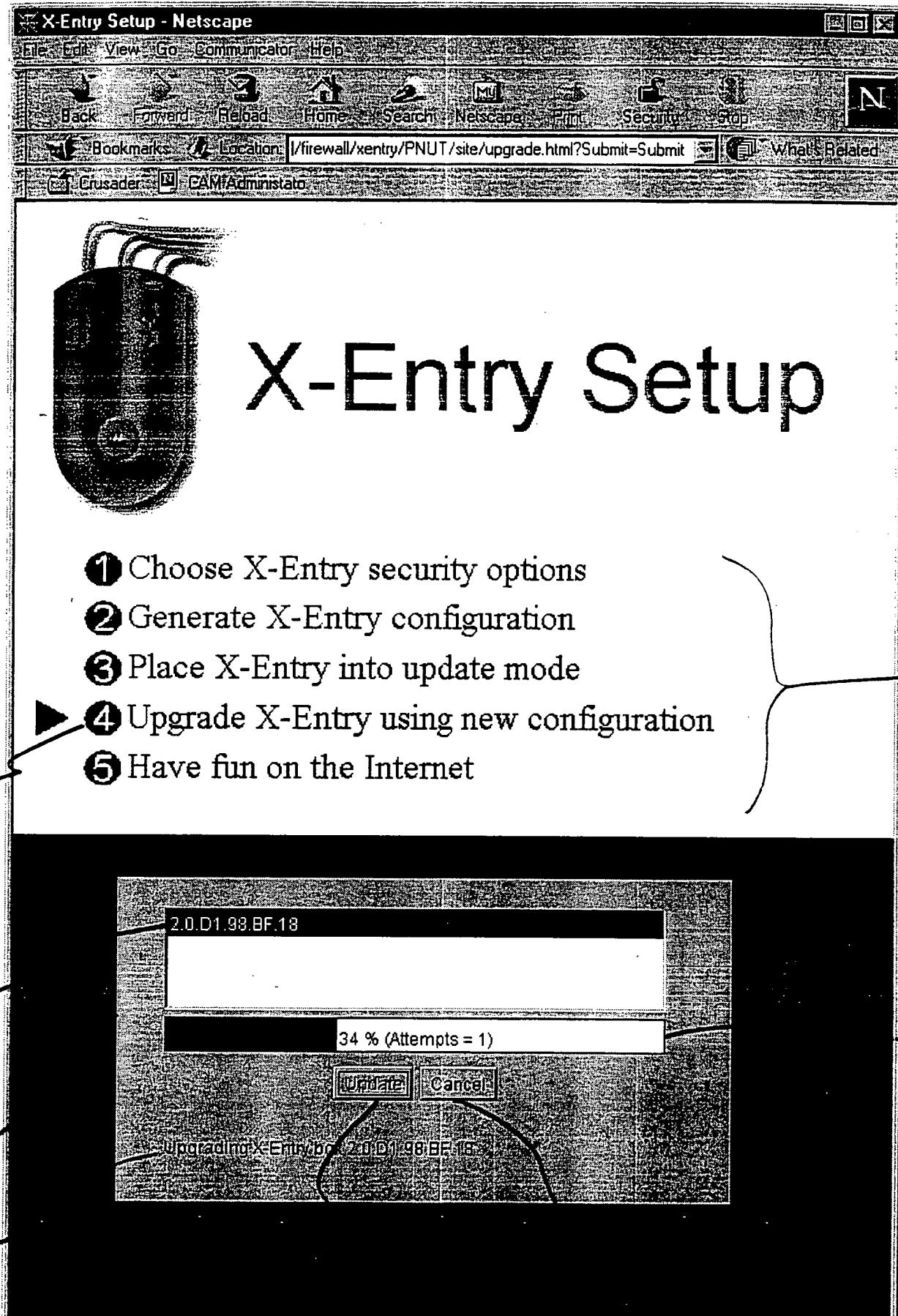


FIG. 20

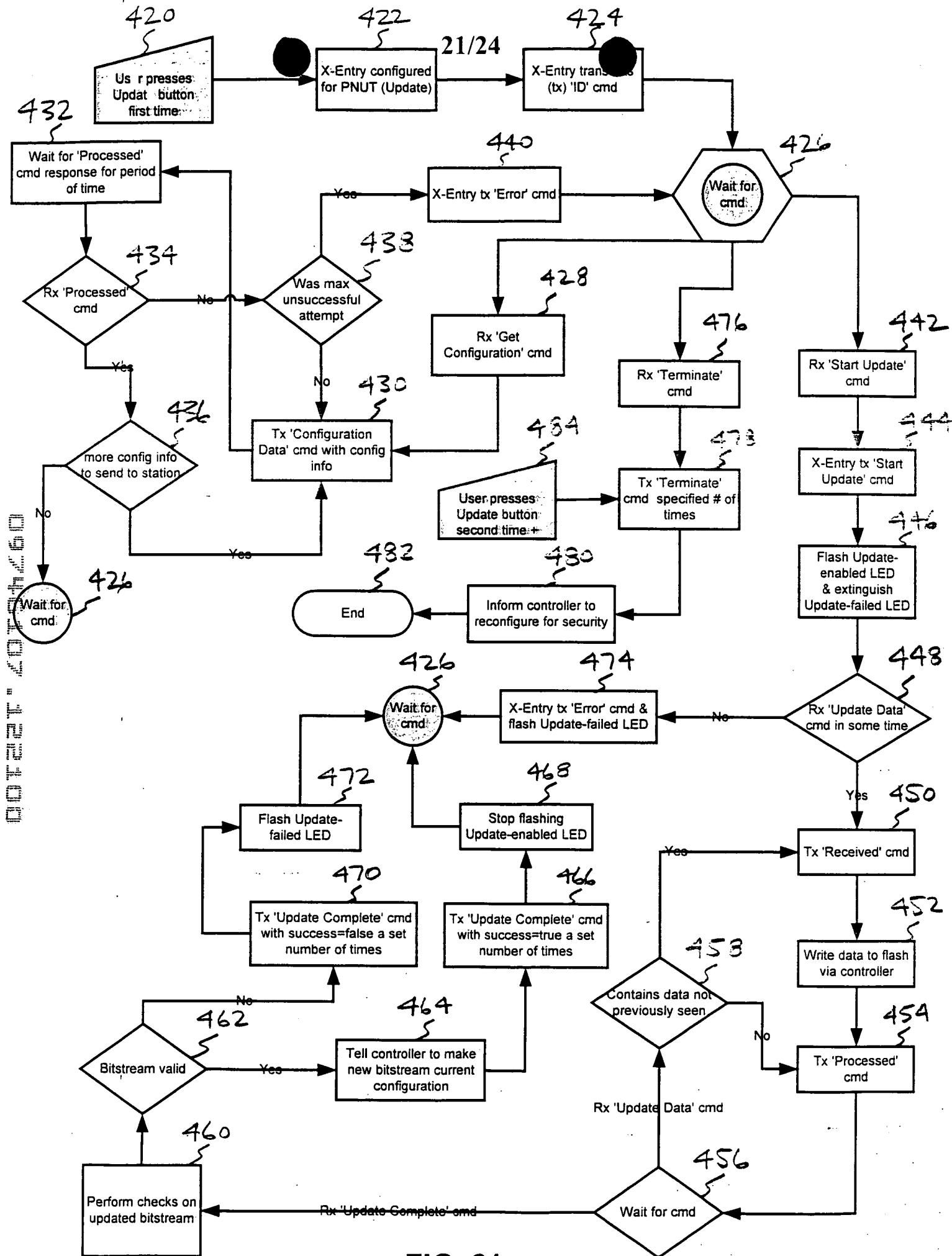


FIG. 21

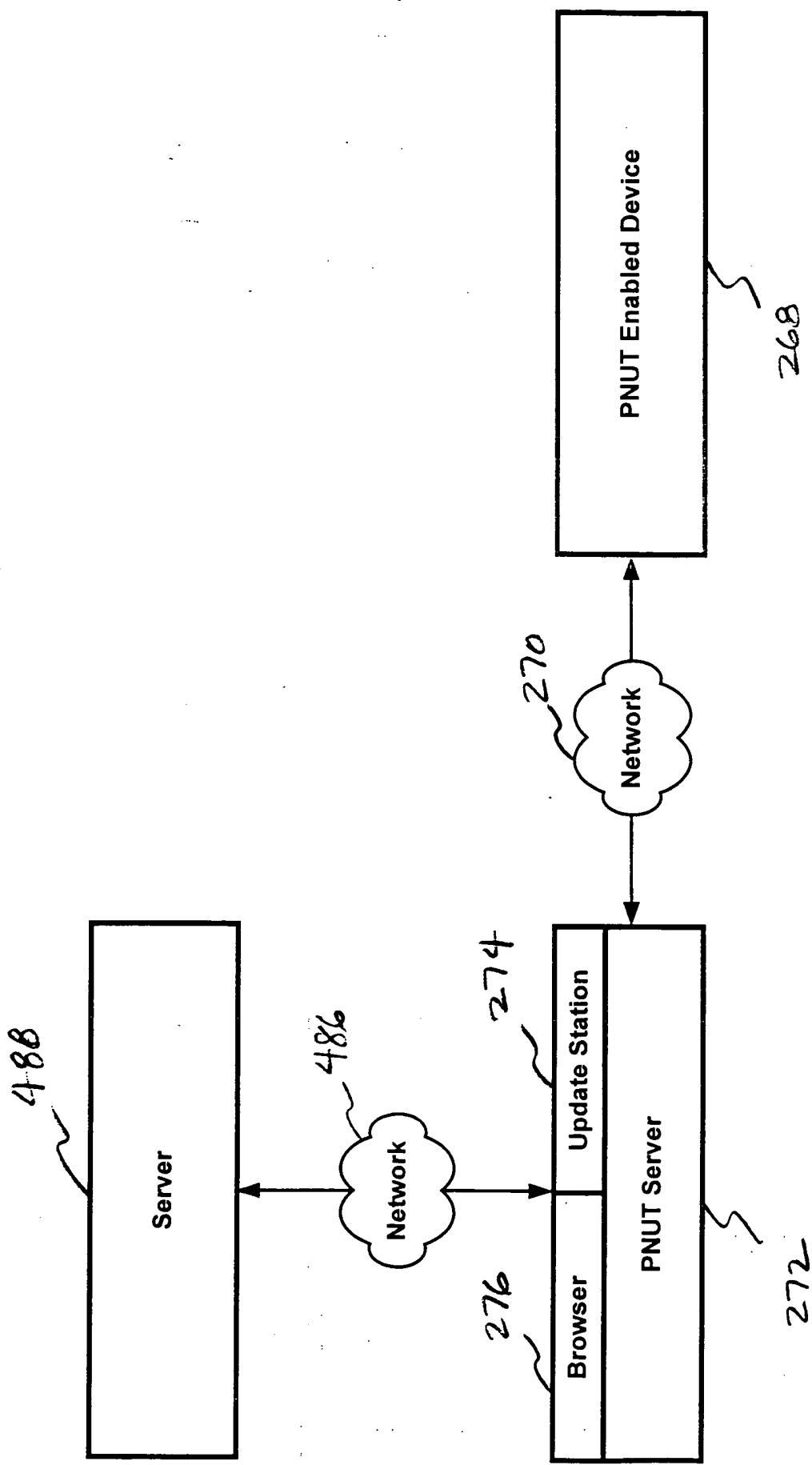


FIG. 22

```

<?xml version="1.0" encoding="UTF-8" ?>
- <formats>
  - <msg id="128" name="UPDATE_START_CMD"> 498
    <desc>Start PNUT update</desc>
    <byte name="type" transient="true" />
    <bytes name="checksum" size="2" />
  </msg>
  - <msg id="129" name="UPDATE_MSG_CMD"> 504
    <desc>PNUT data update packet</desc>
    <bytes name="packet number" size="2" /> 506
    <bytes name="length" size="2" transient="true" />
    <bytes name="data" min_size="1" max_size="500" transient="true"
          max_print="0" /> 508
  </msg>
  - <msg id="130" name="UPDATE_LAST_MSG_CMD">
    <desc>Last PNUT update packet</desc>
    <bytes name="packet number" size="2" transient="true" />
    <pad size="8" /> 510
  </msg>
  - <msg id="132" name="UPDATE_CNX_CMD">
    <desc>Cancel PNUT update</desc>
    <pad size="24" />
  </msg>
  - <msg id="136" name="UPDATE_COMP_CMD"> 513
    <desc>PNUT update complete</desc>
    - <bytes name="status" size="1" transient="true" />
      <status success="0"> 516
      <desc val="0">Successful</desc>
      <desc val="1">Bad packet checksum</desc>
      <desc val="2">Flash write failure</desc>
      <desc val="3">Update cancelled</desc> 522
    </status>
  </bytes>
  <pad size="16" /> 520
</msg>
</formats>

```

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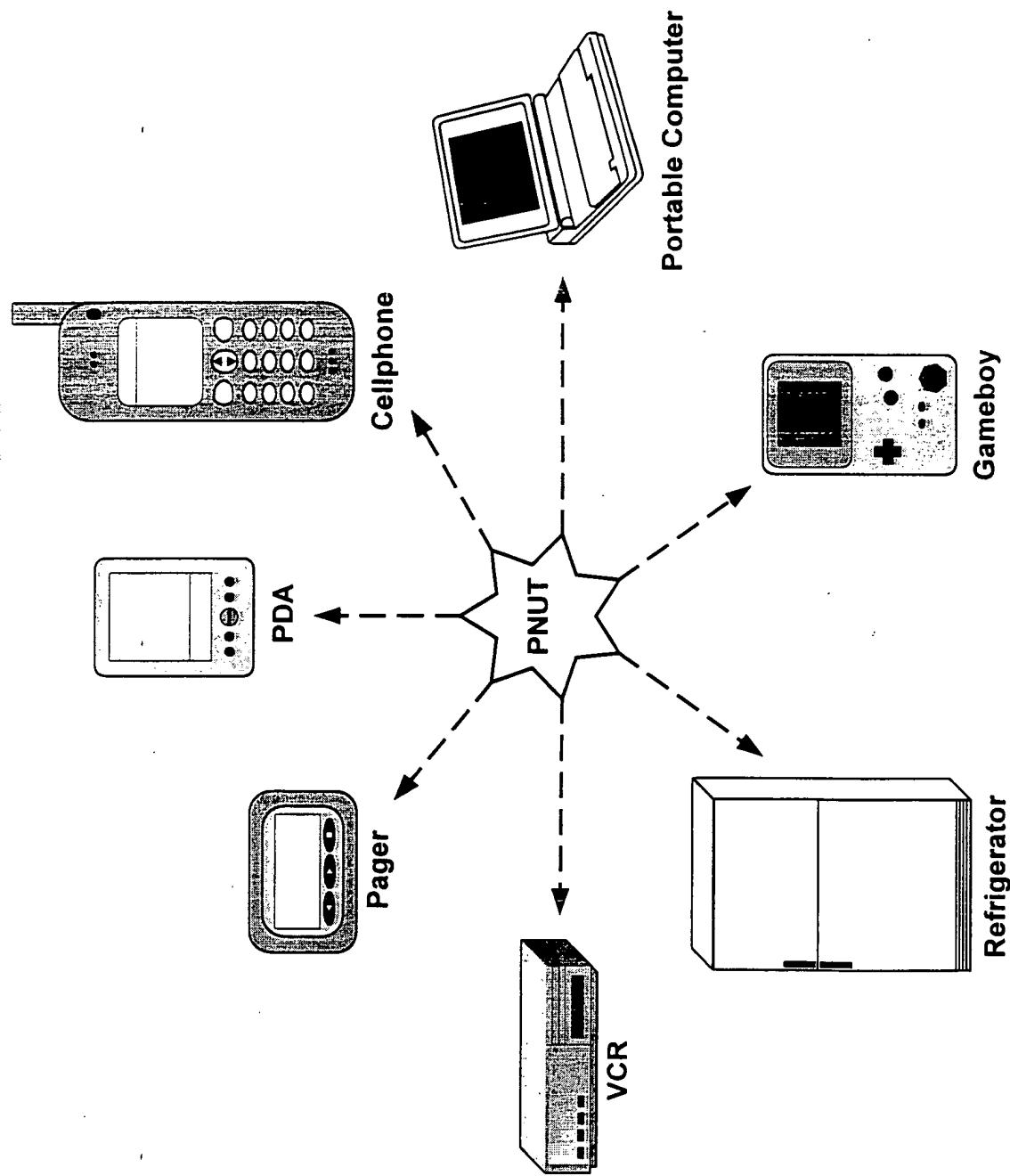


FIG. 24